

Amendments to the Claims:

1-21 (Canceled)

22. (New) An apparatus for removing unwanted moisture from a structure, the structure including a structural surface, the apparatus comprising:

a vacuum mat having an upper surface and a lower surface and a first nonporous section, the first section including an array of protrusions engagable with the structural surface for supporting the mat on the structural surface and permitting fluid flow between the lower surface of the mat and the structural surface.

23. (New) The apparatus of claim 22, wherein the protrusions are of uniform depth.

24. (New) The apparatus of claim 23, wherein the structural surface is substantially planar and the protrusions provide substantially uniform spacing between the lower surface of map and the structural surface.

25. (New) The apparatus of claim 24 wherein the mat is self sealing on the structural surface.

26. (New) The apparatus of claim 22, further including a second section having a vacuum port providing fluid communication through the mat.

27. (New) The apparatus of claim 26, wherein the second section adjoins the first section.

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28. (New) The apparatus of claim 27, wherein the second section surrounds the first section.

29. (New) The apparatus of claim 26, further including a vacuum source attachable to the vacuum port.

30. (New) The apparatus of claim 26, wherein the second section includes a plurality of vacuum ports each port providing fluid communication through the mat.

31. (New) An apparatus for removing unwanted moisture from a structure, the structure including a structural surface, the apparatus comprising:

a vacuum mat having an upper surface and a lower surface and a first nonporous section, the first section including an array of protrusions engagable with the structural surface supporting the mat on the structural surface and permitting fluid flow between the lower surface and the structural surface;

the mat further including a second section adjoining the first section and having a vacuum port, the port providing fluid communication through the mat.

32. (New) The apparatus of claim 1, wherein the mat is a unitary construction.

33. (New) An apparatus for removing unwanted moisture from a structure, the structure including first and second substantially orthogonal structural surfaces, the apparatus comprising:

a housing including a sealing surface sealably engagable with the first and second structural surfaces.

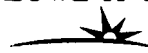
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34. (New) The apparatus of claim 33, wherein the housing includes a vacuum port.
35. (New) The apparatus of claim 33, further including a vacuum source connectable to the vacuum port.
36. (New) An apparatus for removing unwanted moisture from a structure, the apparatus comprising:
- a housing having a first sealing surface;
  - a second sealing surface spaced from and coplanar with first sealing surface;
  - a third sealing surface; and
  - a fourth sealing surface spaced from and coplanar with the third sealing surface.
37. (New) The apparatus of claim 36 wherein the first and third sealing surfaces are adjoined and wherein the second and fourth sealing surfaces are adjoined.
38. (New) The apparatus of claim 36 wherein the first and third sealing surfaces are orthogonally oriented and wherein the second and fourth sealing surfaces are orthogonally oriented.
39. (New) The apparatus of claim 36 wherein the housing further includes a vacuum port.
40. (New) The apparatus of claim 39 further including a vacuum source attachable to the vacuum port.

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